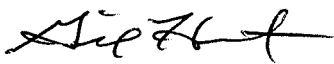


STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or September 23, 2008
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Oso Oil & Gas Properties, LLC proposes to drill the P4 well (wildcat) on Fee lease UT-OSO-001, Carbon County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 282' FSL 1500' FWL, NW/4 NW/4, Section 31, Township 12 South, Range 11 East, Carbon County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Southeastern Utah Association of Government	
10. For further information, contact: Diana Mason Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: September 9, 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: UT-OSO-001	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Oso Oil & Gas Properties, LLC		9. WELL NAME and NUMBER: P4	
3. ADDRESS OF OPERATOR: 3900 S Wadsworth Blvd CITY Lakewood STATE CO ZIP 80235		PHONE NUMBER: (303) 929-6023	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 522772X 4397139Y 39.725713 -110.734286 282' FSL & 1500' FWL Section 31 T12S R11E AT PROPOSED PRODUCING ZONE: 541' FNL & 1419' FWL Sec. 4 T13S R11E 522764X 4396889Y 39.723456 -110.734387		10. FIELD AND POOL, OR WILDCAT: Wildcat	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 31 12S 11E S			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 4.6 Miles NE of Kenilworth, UT		12. COUNTY: Carbon	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 541'	16. NUMBER OF ACRES IN LEASE: 962	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 938'	19. PROPOSED DEPTH: 2,511	20. BOND DESCRIPTION: Single Well CD Collateral Bond	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 8565' GR	22. APPROXIMATE DATE WORK WILL START: 10/14/2008	23. ESTIMATED DURATION: 14 Days	

24. PROPOSED CASING AND CEMENTING PROGRAM							
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
22	16	H-40	65	20	Class G	25 sx 1.18 cuft/sk	15.8
12.25	9.625	J-55	36	2,180	Class G	350 sx 1.18 cuft/sk	15.8

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

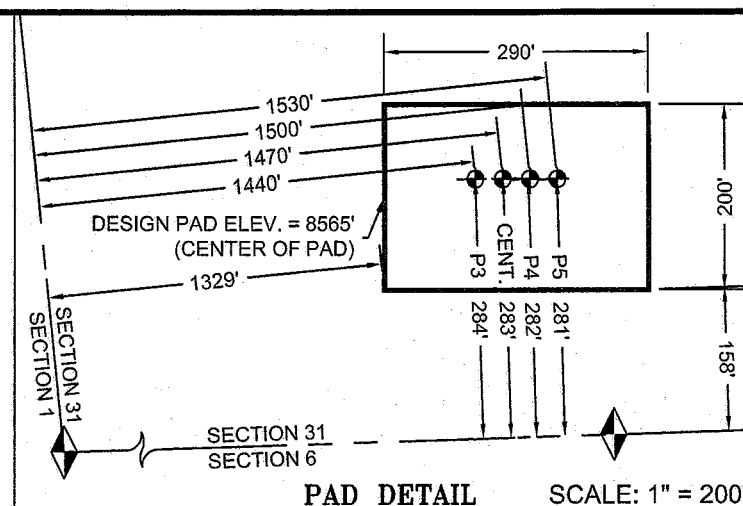
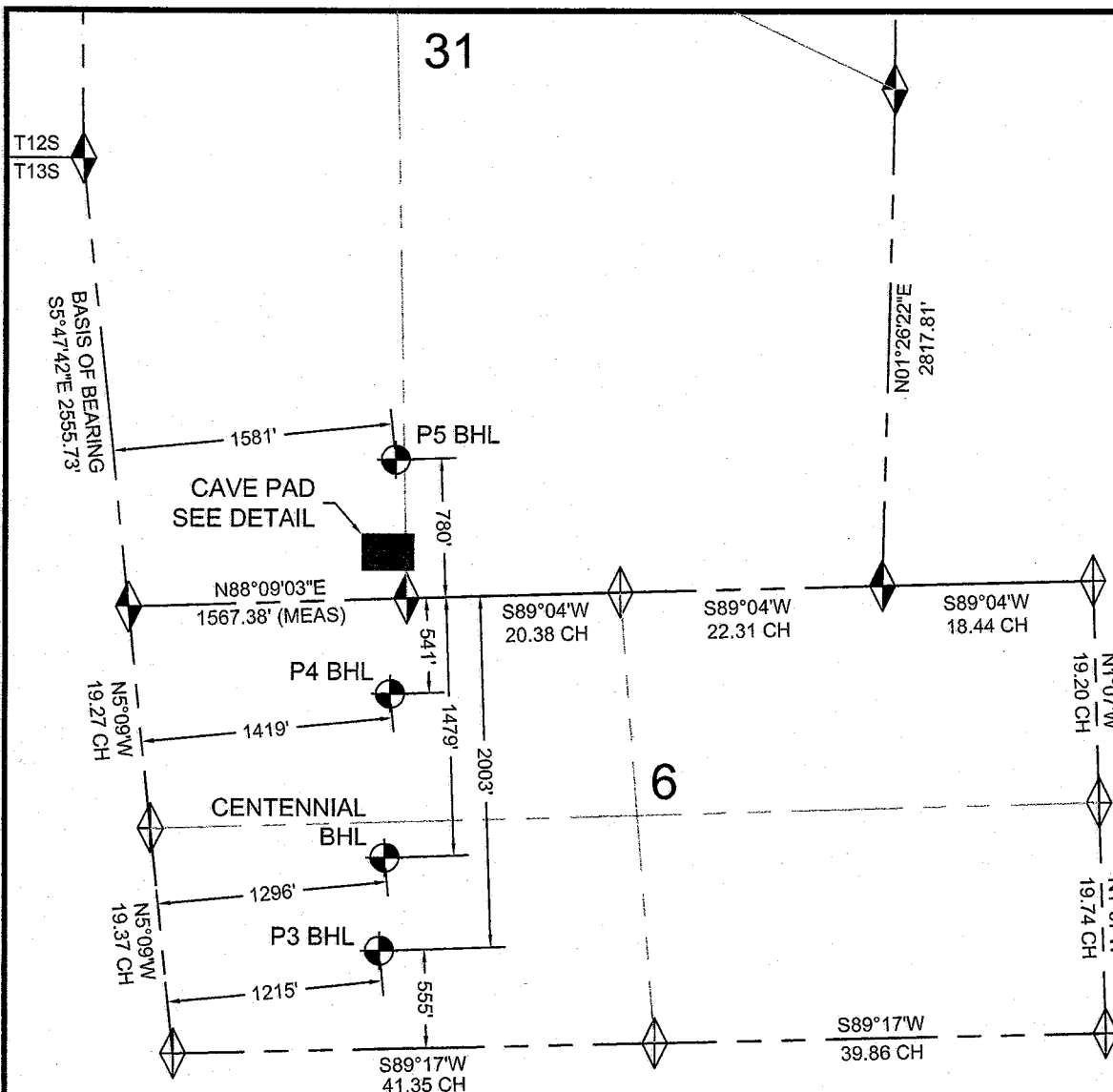
NAME (PLEASE PRINT) Mike Griffis	TITLE Operations Engineer
SIGNATURE 	DATE 8/20/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31448

APPROVAL:

RECEIVED
AUG 28 2008



NARRATIVE

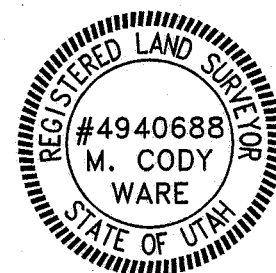
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CERTIFICATE OF SURVEY

I, M. CODY WARE, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, LICENSE NO. 4940688 AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE LOCATION SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



NOTES

- SECTION 6 DIMENSIONS ARE BASED ON THE 1967 BLM PLAT.
- DIMENSIONS TO SECTION LINES ARE MEASURED AT RIGHT ANGLES.

WELLHEAD POSITIONS

	SURFACE POSITION		TARGET / BHL POSITION	
WELL	LAT. (WGS84)	LONG. (WGS84)	LAT. (WGS84)	LONG. (WGS84)
P3	39°43'32.664" N	110°44'07.160" W	39°43'10.062" N	110°44'07.399" W
CENT.	39°43'32.661" N	110°44'06.776" W	39°43'15.252" N	110°44'06.961" W
P4	39°43'32.659" N	110°44'06.392" W	39°43'24.528" N	110°44'06.479" W
P5	39°43'32.657" N	110°44'06.009" W	39°43'37.593" N	110°44'05.956" W

LEGEND

- FOUND MONUMENT
- CALCULATED POSITION
- TARGET - BHL
- "BHL" BOTTOM HOLE LOCATION

0 500 1000
1 IN = 1000 FT



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytel.com.net Price, Utah 84501

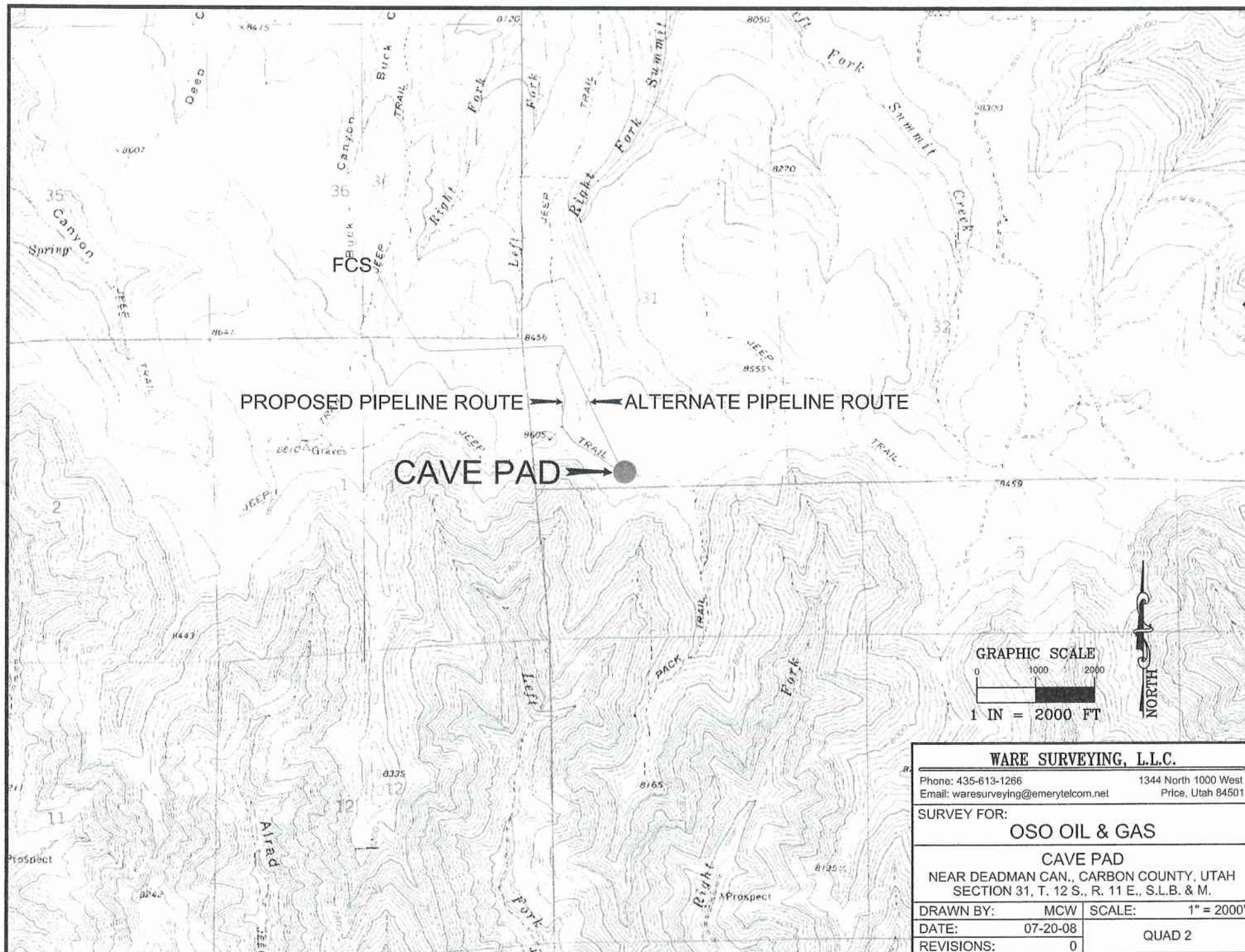
SURVEY FOR:

OSO OIL & GAS

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.
SECTION 6, T. 13 S., R. 11 E., S.L.B. & M.

DRAWN BY: MCW SCALE: 1" = 1000'
DATE: 08-13-08
REVISIONS: 1 P-1



GRAPHIC SCALE



1 IN = 2000 FT



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytelcom.net Price, Utah 84501

SURVEY FOR:
OSO OIL & GAS

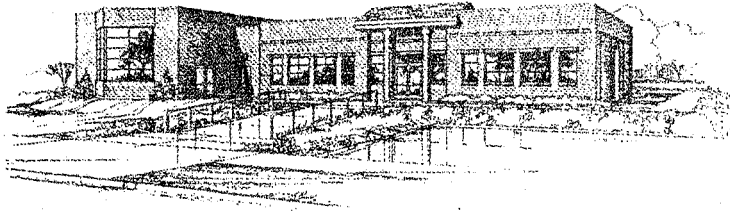
CAVE PAD
NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.

DRAWN BY:	MCW	SCALE:	1" = 2000'
DATE:	07-20-08		
REVISIONS:	0		QUAD 2

SOUTHEASTERNUTAH ASSOCIATION OF LOCAL GOVERNMENTS

DOUG ALLEN
CHAIRMAN

William D. Howell
EXECUTIVE DIRECTOR



375 SOUTH CARBON AVE.
P.O. DRAWER 1106
PRICE, UTAH 84501
(435) 637-5444
FAX (435) 637-5448

AREA WIDE CLEARINGHOUSE REVIEW

Federal Action _____ State Action _____ Approved (x) Yes () No
Other (indicate) _____

Applicant or State Agency Name/Address:

Oil, Gas & Mining

1594 West North Temple #1210

SLC, UT 84114

Name Diana Mason

Phone 801-538-5312

Title/Project Description: Application for Permit to Drill

Oso Oil and Gas proposes to drill four wildcat wells (Centennial well Fee lease UT OSO-001, P3 well Fee lease UT-OSO-001, P4 well Fee lease UT OSO-001, P5 well Fee lease UT-OSO-001) in the Emma Park area of Carbon Co.

[] No Comment

[] See comment below

Comments: Favorable comment recommended.

RECEIVED

Lorraine Bengtson

SEUALG

09/18/08

DATE

SEP 25 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

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NAME (PLEASE PRINT) Mike Griffis TITLE Operations Engineer

SIGNATURE [Signature] DATE 8/20/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-007-31448

Approved by the
Utah Division of
Oil, Gas and Mining

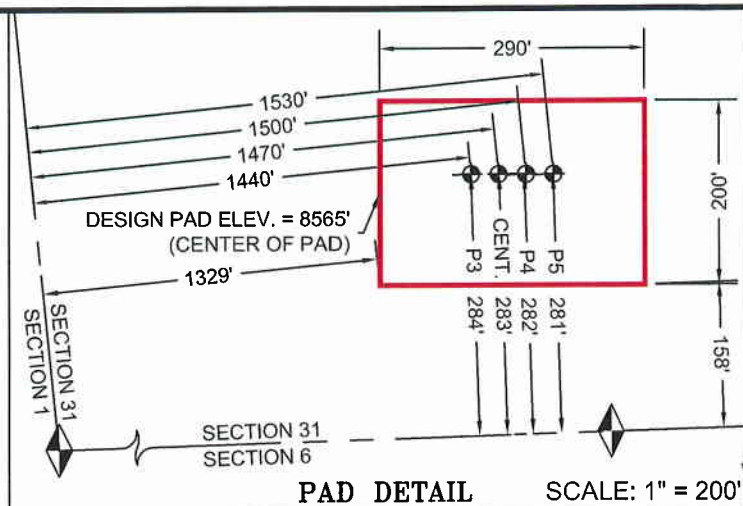
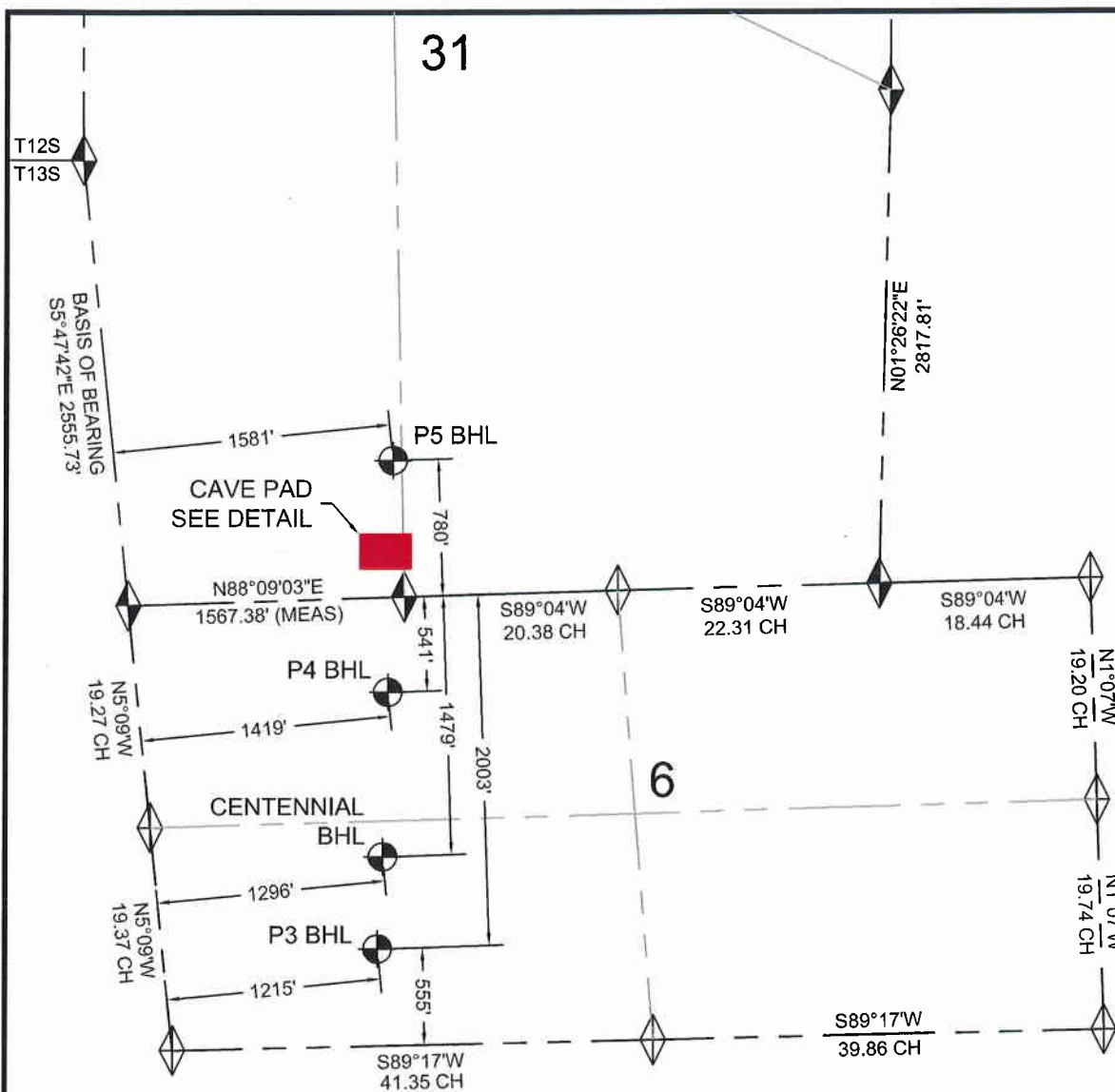
APPROVAL:

Date: 10-21-08
By: [Signature]
(See Instructions on Reverse Side)

RECEIVED

AUG 28 2008

DIV. OF OIL, GAS & MINING



NARRATIVE

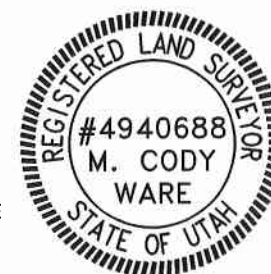
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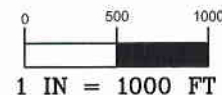
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	SURFACE POSITION		TARGET / BHL POSITION	
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LEGEND

- FOUND MONUMENT
- CALCULATED POSITION
- TARGET - BHL
- "BHL" BOTTOM HOLE LOCATION



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytelcom.net Price, Utah 84501

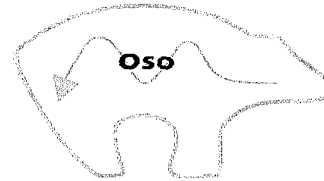
SURVEY FOR: OSO OIL & GAS

CAVE PAD
NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.
SECTION 6, T. 13 S., R. 11 E., S.L.B. & M.

DRAWN BY: MCW SCALE: 1" = 1000'
DATE: 08-13-08
REVISIONS: 1

P-1

September 3, 2008



Ms. Diana Mason
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

Re: Directional Drilling Well: **P4**
SHL: 282' FSL and 1,500' FWL Section 31 T12S R11E, SLB&M
BHL: 541' FNL and 1,419' FWL Section 6 T13S R11E, SLB&M
PBHL/TD: 2511' MD; 2312' TVD
Carbon County, UT

Dear Ms. Mason,

Pursuant to the August 28, 2008 filing of Oso Oil & Gas' Form 3 Application for Permit to Drill for the referenced well, we are hereby submitting this letter in accordance with Utah's Oil & Gas Conservation Rule R649-3-11 pertaining to the reason for directionally drilling such wells.

- This well must be directionally drilled from this SHL due to topographical restrictions. In order to drill a vertical well to the desired BHL, a drilling pad would have to be constructed that would prove environmentally destructive and financially prohibitive. Please refer to the plat package submitted with the original Form 3 APD, it includes a topographical layout of the pad and the well.
- Oso Oil and Gas owns all the leases [UT-OSO-001] in the area that this well will intersect and ultimately terminate.
- The BHL location of this well does not lie within 460' of any lease or property line that Oso Oil & Gas does not have legal control over. Said lease encompasses all of Section 31 T12S R11E and Section 6 T13S R11E.

Based on the facts listed above, Oso requests the drilling permits be granted pursuant to R649-3-11.

Regards,



Mike Griffis
Operations Engineer & Agent
Oso Oil & Gas Properties, LLC
3900 S Wadsworth Blvd, Suite 340
Lakewood, CO 80235

15810 Park Ten Place, Suite 160
Houston, TX 77084

To: Brad Hill
Permit Manager
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

From: Mike Griffis
Oso Oil and Gas Properties, LLC
3900 S Wadsworth Blvd, Suite 340
Lakewood, CO 80235

RE: APD Compliance // Surface Owner Contact Information

Brad,

In compliance with UDOGM's requested APD information, here is the contact information for the surface owner on the lease which we intend to drill:

Lease: UT-OSO-001

Owner: Dave and Mildred Cave
1220 South 530 West
Price, UT 84501

Phone: 435-637-0387

If you have any further questions, don't hesitate to contact us.

Regards,

Mike Griffis
Operations Engineer
Oso Oil & Gas Properties, LLC
720-407-8488 (o)
303-819-7354 (c)
mgriffis@btoperating.com

AFFIDAVIT OF SURFACE USE AGREEMENT


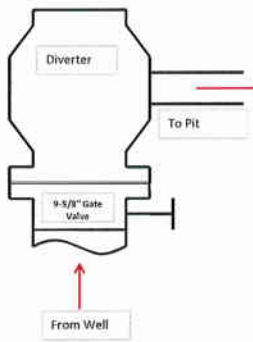
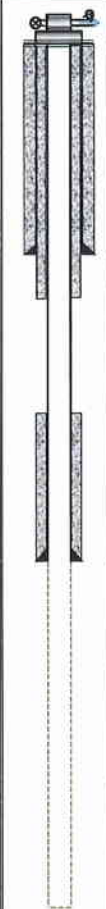
I, Gregory S. Brown, Manager of Oso Oil & Gas Properties, LLC whose address is 15810 Park Ten Place, Suite 160, Houston, Texas, 77084 do hereby swear and sayeth that;

Oso Oil & Gas Properties, LLC is the designated Lessee pursuant to that certain Oil and Gas Mining Lease executed on the 23rd day of May, 2007 and effective the 8th day of February, 2006 of the Property, as hereinafter defined, located in the County of Carbon, State of Utah and operator of those wells specifically set forth in the attached "Application For Permit To Drill" ("APD") which wells are located on the Property.

Further, this Affidavit of Surface Use Agreement is filed on behalf of Oso Oil & Gas Properties, LLC in the county records of Carbon County, Utah, to give notice that Oso Oil & Gas Properties, LLC and Mildred and Dave Cave, Judson D. and Cherie Critchlow, Norman C. and Lisa Critchlow, Jaylene Mahleres, Francine Henrie and John K. Critchlow and Paul Critchlow, Lessors, have entered into a Surface Use Agreement pursuant to which Oso Oil & Gas Properties, LLC was granted the exclusive right to access, use and otherwise enter all of the surface of the properties specifically described below for the purpose of oil and gas operations and development subject to the terms and conditions governing such access and operations set forth in the Surface Use Agreement.

Property Description

All of Section 31, Township 12 South, Range 11 East, Salt Lake Meridian, consisting of approximately 642 acres, more or less and all of Section 6, Township 13 South, Range 11 East, Salt Lake Meridian, consisting of approximately 320 acres, more or less, both of which are located in the County of Carbon, State of Utah and collectively referred to herein as the "Property".

Well Name: P4 State: Utah County: Carbon API #: TBD		SHL Footage: 282' FSL & 1500' FWL SHL S/T/R: Sec 31 T12S R 11E SLB&M BHL Footage: 541' FNL & 1419' FWL BHL S/T/R: Sec 6 T13S R 11E SLB&M		 P4 Drilling Cover Page		Drilling Contractor: Boart Longyear Rig Number: LK 140 Well Description: Slant Gob Expected BHP: 0.2 psig		GLE: 8565' RKB: 8569' TD MD (ft): 2511' TD TVD (ft): 2312'																																								
Permit Application Data					Geologic Tops (TVD) Formation Names	Top (ft)																																										
<table border="1"> <tr> <th>Item Description</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>Primary Contact</td> <td>Mike Griffis</td> <td>Engineer</td> <td>720-407-8488</td> <td>303-819-7354</td> </tr> <tr> <td>Mineral Lease Number</td> <td>UT-OSO-001</td> <td colspan="3">Dave and Mildred Cave, et al</td> </tr> <tr> <td>Surface Ownership</td> <td>Fee</td> <td colspan="3"></td> </tr> <tr> <td>Drilling Water Use</td> <td>Price Water Improvement Dist</td> <td>Provided by Nelco</td> <td colspan="2">435-636-7000</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Item Description					Primary Contact	Mike Griffis	Engineer	720-407-8488	303-819-7354	Mineral Lease Number	UT-OSO-001	Dave and Mildred Cave, et al			Surface Ownership	Fee				Drilling Water Use	Price Water Improvement Dist	Provided by Nelco	435-636-7000												TOC @ Surface								
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Well Control Equipment					Shoe at 20'		20'																																									
					Shoe @ 2030 TVD/2180 MD		2030																																									
					Kenilworth SS		2083																																									
					Top of Gob (est) Top of Gas		2158 2158																																									
					Aberdeen Seam		2308																																									
								Surface	Depth (MD ft)	Hole Size (in)	Casing	Drilling Fluids	Cement	Directional	Pressure Control/ Testing Freq	Well Testing	Logging																															
								0'-20'	22"	16" Conductor	Air/Mist blown into pit	25 Sx Neat G 1.18 out/sk	None	None / NA	None	None																																
								Intermediate	20'-2180'	12-1/4"	9-5/8" 36K J-55 LTC	Air/Foam blown into pit	150 sx 15.8 ppg Class G Neat + 2% KCL + 0.75 pps cello-flake from Shoe to 2000', 200 sx 15.8 ppg class G Neat topped out from surface.	See Attached Plan	Diverter / NA	None	None																															
								Production	2180'-2511'	8-3/4"	Open Hole	Air/Foam blown into pit	None	None	Diverter & gate valve to shut the well in after reaching TD	None	None																															

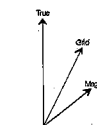


WELL P4	FIELD UT, Carbon County (NAD83)	STRUCTURE Oso 31-12S-11E (Cave Pad)
-------------------	---	---

Magnetic Parameters Model: 800M 2007 Dip: 65.461° Mag Dec: +11.924°	Date: August 14, 2008 FS: 52240.7 nT	Surface Location Lat: N49 43 32.658 Long: W110 44 6.382	NAD83 Utah State Planes, Central Zone, US Feet Northing: 7069746.26 NUS Easting: 1855541.73 NUS Grid Cent: +0.4897287° Scale Fact: 0.9990002269	Miscellaneous Slot: P4 Plan: P4 R1 [u] 14Aug08	TVD Ref: (8669.00 ft above MSL) Srvy Date: August 14, 2008
--	---	---	---	--	---



True North
Tot Corr (M->T +11.904°)
Mag Dec (+11.904°)
Grid Conv (+0.4897287°)

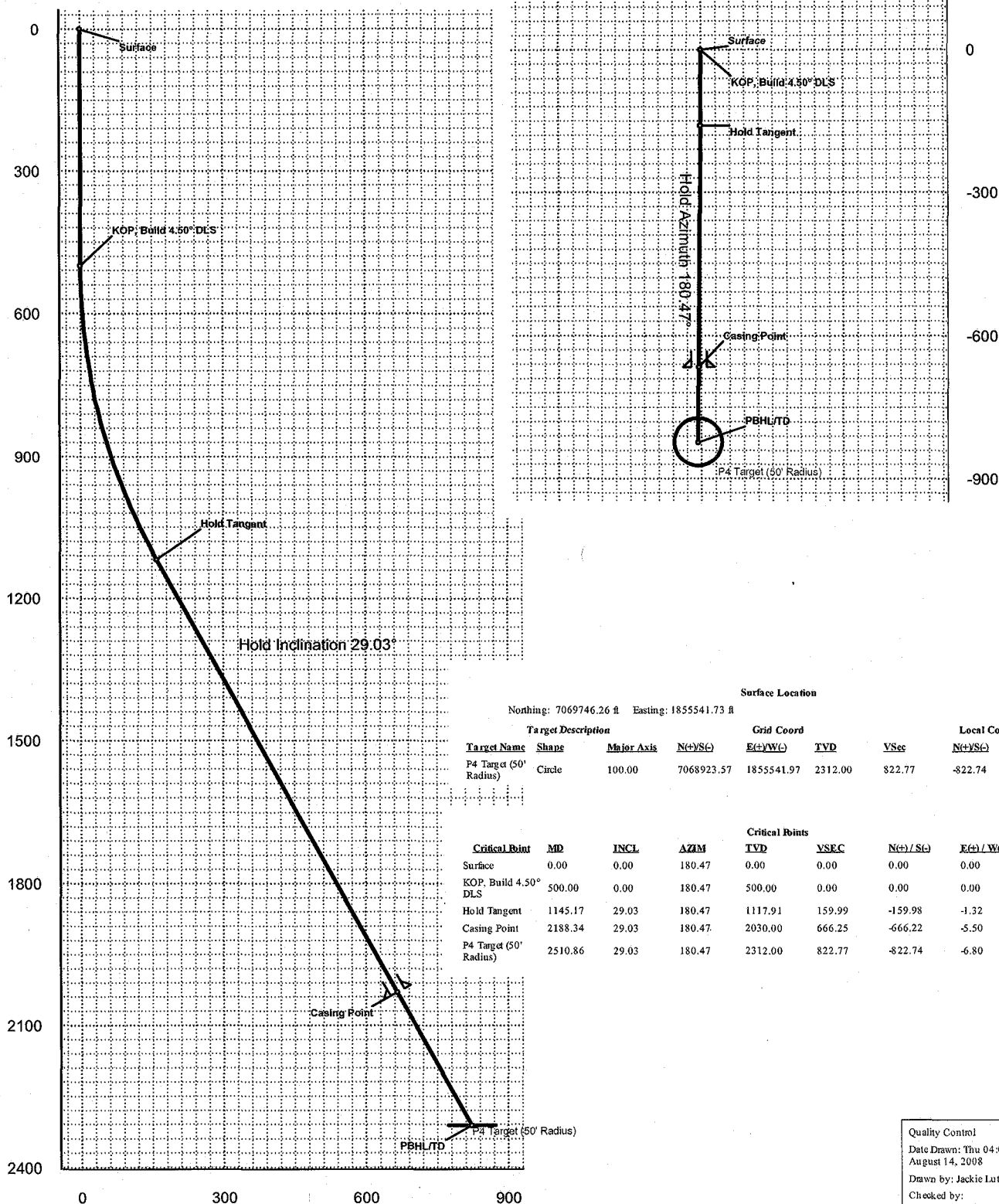


<<< W Scale = 1(in):300(ft) E >>>

-300 0 300

TVD Scale = 1(in):300(ft)

>>> N Scale = 1(in):300(ft) <<< S



Surface Location
Northing: 7069746.26 ft Easting: 1855541.73 ft

Target Description		Grid Coord		Local Coord	
Target Name	Shape	Major Axis	N(+)/S(-)	E(+)/W(-)	TVD
P4 Target (50' Radius)	Circle	100.00	7068923.57	1855541.97	2312.00

Critical Point		MD		INCL		AZIM		TVD		VSEC		N(+)/S(-)		E(+)/W(-)		DLS	
Surface	0.00	0.00	180.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP, Build 4.50° DLS	500.00	0.00	180.47	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hold Tangent	1145.17	29.03	180.47	1117.91	159.99	-159.98	-1.32	4.50									
Casing Point	2188.34	29.03	180.47	2030.00	666.25	-666.22	-5.50	0.00									
P4 Target (50' Radius)	2510.86	29.03	180.47	2312.00	822.77	-822.74	-6.80	0.00									

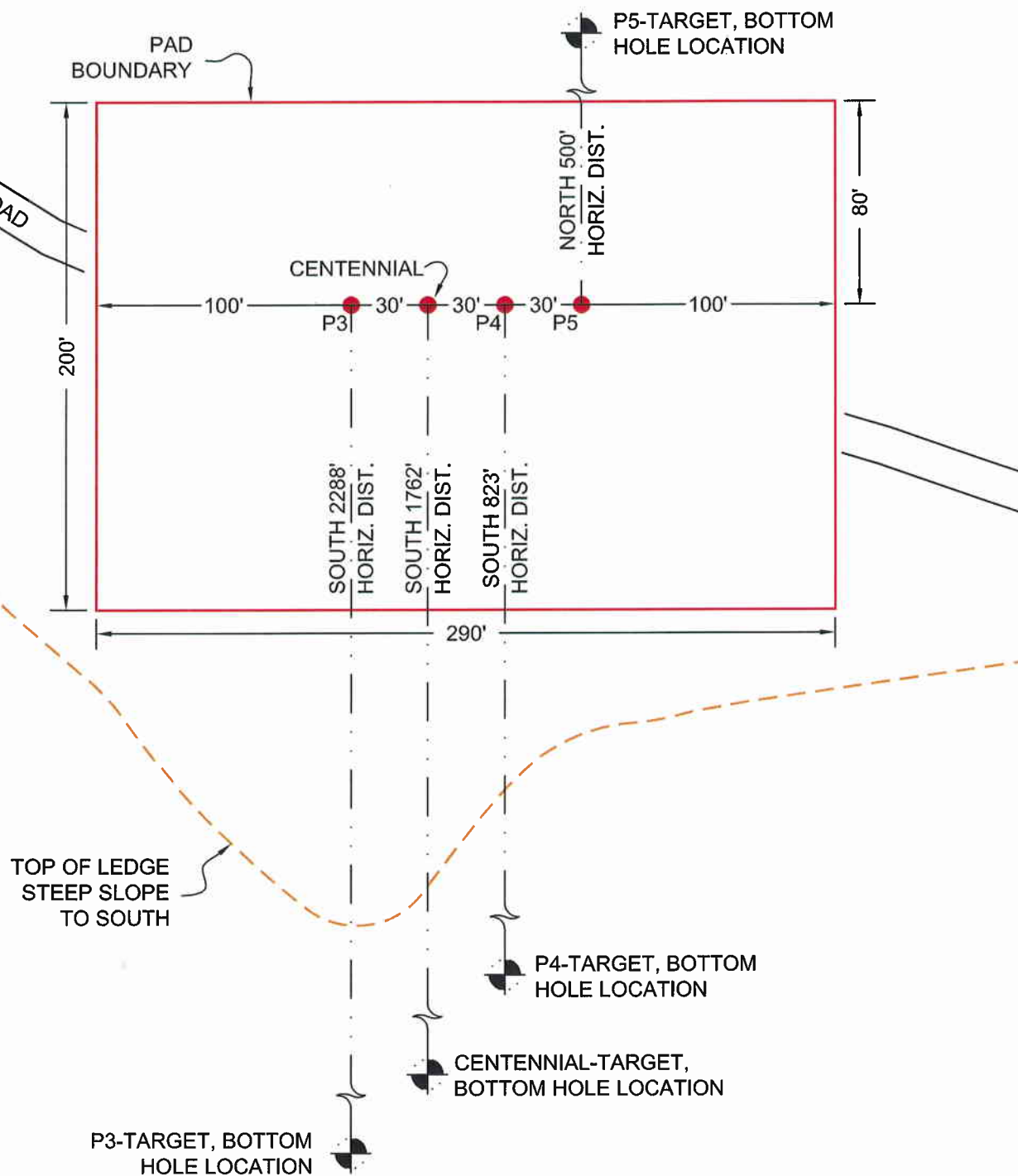
Quality Control
Date Drawn: Thu 04:05 PM
August 14, 2008
Drawn by: Jackie Luther
Checked by:
Client OK:



OSO OIL & GAS CAVE PAD

WELLHEAD SURFACE POSITIONS

WELL	LAT. (WGS84)	LONG. (WGS84)
P3	39°43'32.664" N	110°44'07.160" W
CENT.	39°43'32.661" N	110°44'06.776" W
P4	39°43'32.659" N	110°44'06.392" W
P5	39°43'32.657" N	110°44'06.009" W



GRAPHIC SCALE
0 30 60
1 IN = 60 FT



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytelcom.net Price, Utah 84501

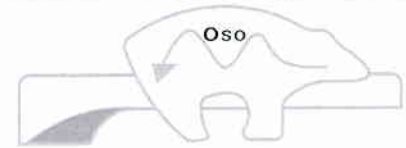
SURVEY FOR:

OSO OIL & GAS

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.

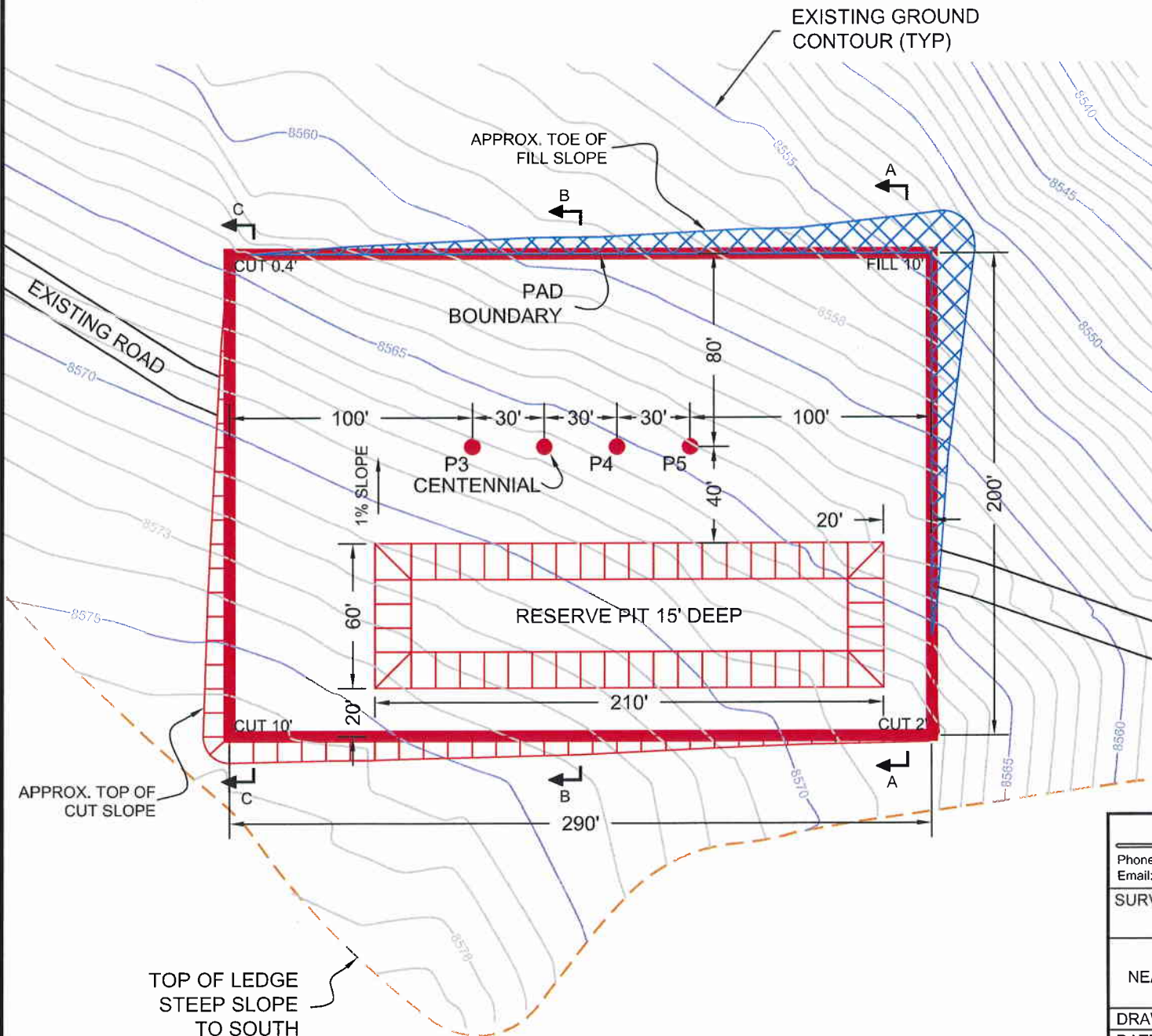
DRAWN BY:	MCW	SCALE:	1" = 60'
DATE:	07-20-08	TARGET AZIMUTHS	
REVISIONS:	0		



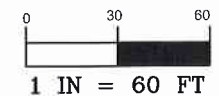
OSO OIL & GAS CAVE PAD

NOTES

- APPROXIMATE EARTHWORK VOLUMES
6" TOPSOIL STRIPPING = 1,100 CU. YDS.
PIT CUT = 4,900 CU. YDS.
TOTAL CUT = 5,400 CU. YDS.
TOTAL FILL = 2,900 CU. YDS.
- FILL SLOPES ARE 1½ : 1
- CUT SLOPES ARE 1 : 1
- PIT CUT SLOPES ARE 1 : 1
- PIT CAPACITY WITH 2' OF FREEBOARD IS 19,346 Bbls.
- DESIGNED PAD ELEVATION = 8565' AT CENTER OF PAD



GRAPHIC SCALE



WARE SURVEYING, L.L.C.

Phone: 435-613-1266

1344 North 1000 West

Email: waresurveying@emerytelcom.net

Price, Utah 84501

SURVEY FOR:

OSO OIL & GAS

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.

DRAWN BY: MCW

SCALE: 1" = 60'

DATE: 08-14-08

SITE LAYOUT

REVISIONS: 1

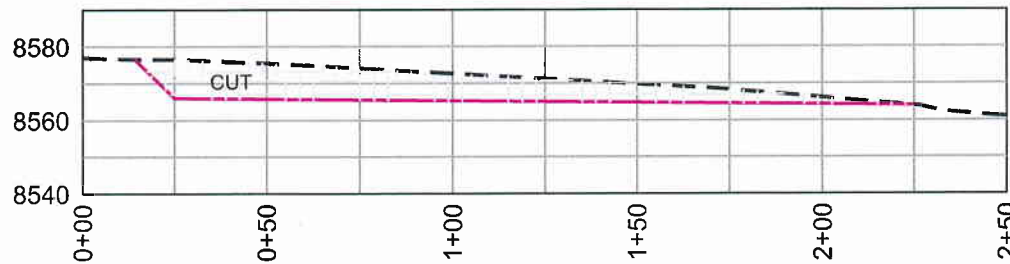


OSO OIL & GAS CAVE PAD

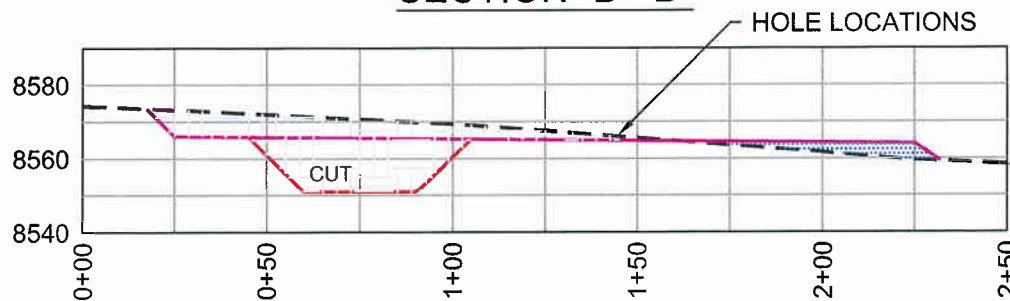
NOTES

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- PIT CAPACITY WITH 2' OF FREEBOARD IS 19,346 Bbbs.
- DESIGNED PAD ELEVATION = 8565' AT CENTER OF PAD

SECTION "C - C"

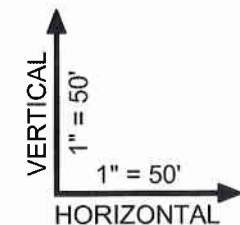
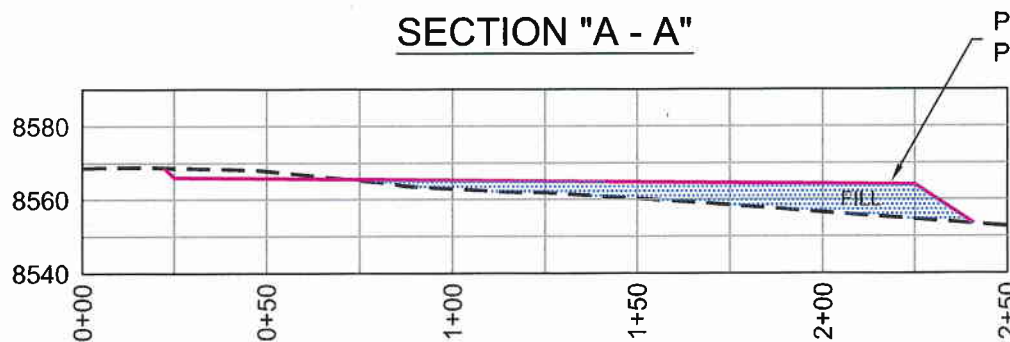


SECTION "B - B"



EXISTING GROUND
PROFILE (TYP)

SECTION "A - A"



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytelcom.net Price, Utah 84501

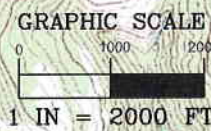
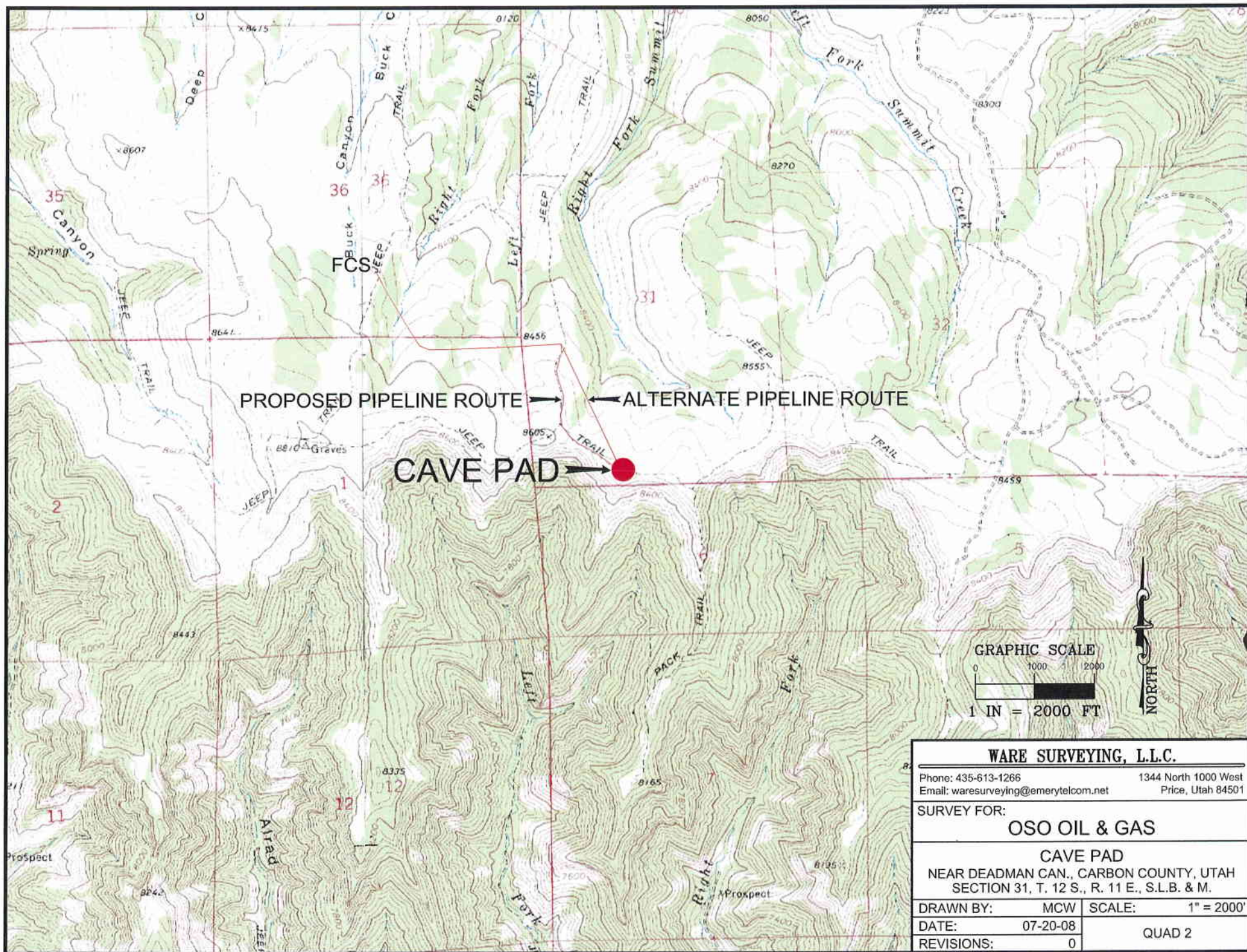
SURVEY FOR:

OSO OIL & GAS

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.

DRAWN BY:	MCW	SCALE:	1" = 50'
DATE:	08-14-08	CROSS SECTIONS	
REVISIONS:	1		



WARE SURVEYING, L.L.C.

Phone: 435-613-1266 1344 North 1000 West
Email: waresurveying@emerytelcom.net Price, Utah 84501

SURVEY FOR:
OSO OIL & GAS

CAVE PAD
NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.

DRAWN BY:	MCW	SCALE:	1" = 2000'
DATE:	07-20-08	QUAD 2	
REVISIONS:	0		

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.



LOOKING NORTH FROM PAD



LOOKING SOUTH FROM PAD

WARE SURVEYING, L.L.C.

Phone: 435-613-1266
Email: waresurveying@emerytelcom.net

1344 North 1000 West
Price, Utah 84501



OSO OIL & GAS

DATE: 07-18-08
PHOTO 1

CAVE PAD

NEAR DEADMAN CAN., CARBON COUNTY, UTAH
SECTION 31, T. 12 S., R. 11 E., S.L.B. & M.



LOOKING EAST FROM PAD



LOOKING WEST FROM PAD

WARE SURVEYING, L.L.C.

Phone: 435-613-1266
Email: waresurveying@emerytelcom.net

1344 North 1000 West
Price, Utah 84501



OSO OIL & GAS

DATE: 07-18-08
PHOTO 2

To: Dustin Doucet
Petroleum Engineer
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

From: Mike Griffis
Oso Oil & Gas Properties, LLC
3900 S. Wadsworth Blvd, Suite 340
Lakewood, CO 80235

Re: APD Supporting Documentation

Dustin,

The intent of this letter is to provide evidence and clarification to several outstanding issues that could interfere with the timely APD processing for Oso Oil and Gas.

Spacing:

The properties, on which we intend to drill, are located in Section 31 T12S R11E SLB & M and Section 6 T13S R11E SLB & M, Carbon County, Utah. UDOGM's Oil & Gas Well Spacing Index makes no specific mention of these sections; thus, general "statewide" spacing is assumed. Oso has the mineral rights to the aforementioned properties under the following lease:

UT-OSO-001: All of Section 31 T12S R11E and all of Section 6 T13S R11E; 962 acres

Please see the attached survey and lease-hold map to reference the proposed bottom hole location placement. In all cases, Oso will not infringe on the 460' setback requirement from any property line or lease which Oso does not own mineral rights. Further, the acreage Oso will be occupying for this project, will be released from UEI's mine permit.

Wellbore Construction:

These wells will be drilled into existing mine works (sealed longwall panels) created by UEI (previously Andalex) in the Tower Mine. As such, Oso would like to construct these wells in the same manner that UEI drilled their previous Gob Vent (GVH) wells in the immediate vicinity. A schematic is attached that outlines their past construction practices. Specifically, that diagram illustrates the GVH 7B well, drilled in Q4 2006. UEI has drilled no less than 15 GVH wells in the past few years. Oso's APDs reflect the same operational expectations. Oso is drilling these wells with the permission of UEI and will not commence operations until the mine has been abandoned.

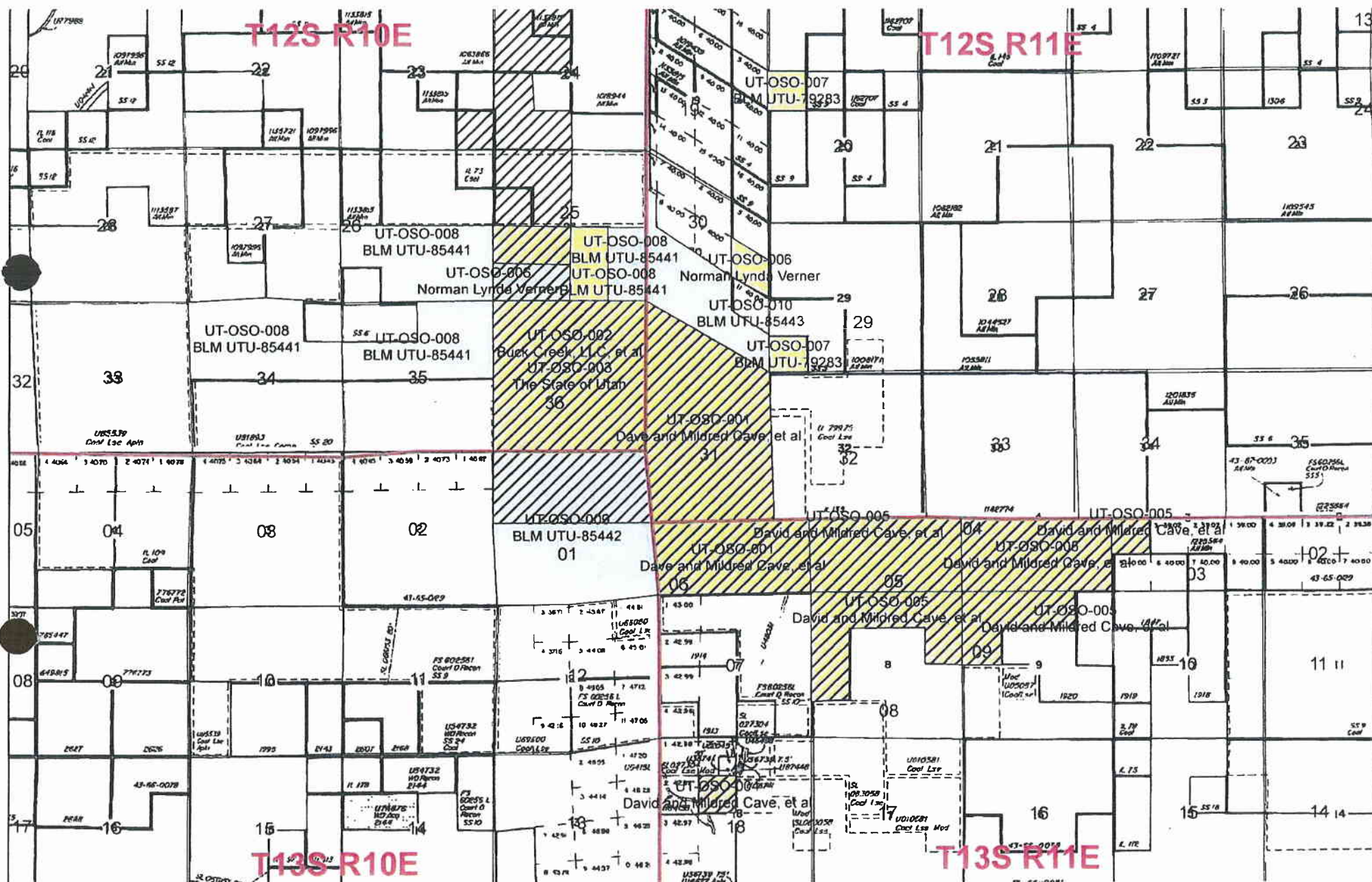
Thank you for time. Should you have any questions or comments, don't hesitate to call or email me at any time.

Regards,

Mike Griffis
Operations Engineer
Oso Oil & Gas Properties, LLC
720-407-8488 (o)
303-819-7354 (c)
mgriffis@btoperating.com

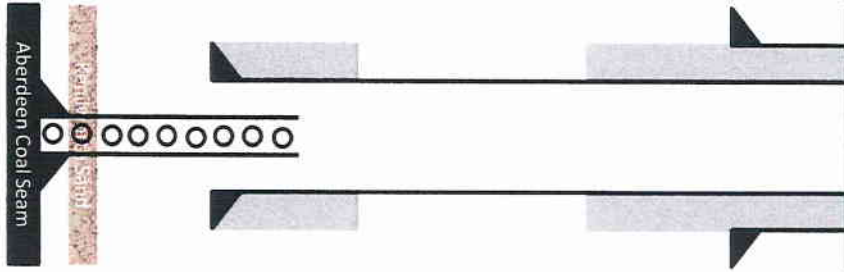
Attachments:

APDs For P5, P4, Centennial, P3
Directional Plans
Drilling Plans
Location Survey Plat
Lease Boundary Map
Example Wellbore Diagrams



UEI GVH Wellbore Design

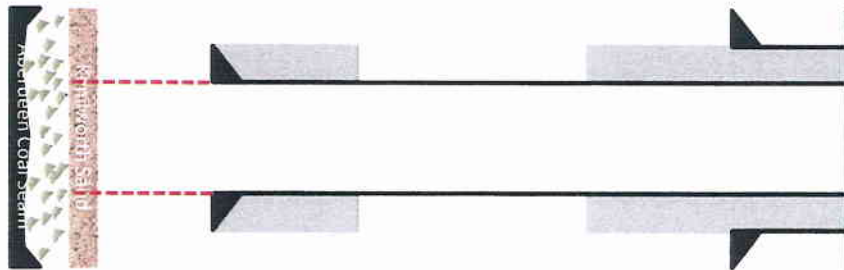
GVH 7B



Hole Size Depth	Casing	Cement
22" to 30'	12-1/4" to 2220'	Cemented w/ 25 sx cement + 2% CaCl2 + 2% Kwik Plug
16" to 30' [Unkown Weight/Grade]	9-5/8" to 2207' [Unkown Weight/Grade]	Spotted cement at shoe via inner-string job [Unkown amount]; then topped out with remainder of cement [Unkown Amount]. Total cement pumped: 345 sx
7" Perf'd Liner. Top of Liner @ 2147'. Btm @ 2656' [Unkown Weight/Grade]	8-7/8" to 2656'	None

Oso Proposed Wellbore Design

General Well Design



Hole Size Depth	Casing	Cement
22" to ±20'	12-1/4" to ±2200'. Int Csg Pt (ICP) will be called approx 300' - 450' above the Aberdeen Coal seam.	Cemented w/ 25 sx Neat G + Additives
16" Conductor	9-5/8" 36# J-55 LTC to ICP	Spot cement at shoe via inner-string job until lost circulation occurs. Then top out to surface. Estimate 350 sx Neat G Plus additives.
	No Liner. Open hole.	None
	8-7/8" to ???' The idea is to penetrate the Gob. Which could be about 150' above the Aberdeen Coal seam.	

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/28/2008

API NO. ASSIGNED: 43-007-31448

WELL NAME: P4

OPERATOR: OSO OIL & GAS (N3515)

PHONE NUMBER: 303-929-6023

CONTACT: MIKE GRIFFIS

PROPOSED LOCATION:

SW 31 120S 110E

SURFACE: 0282 FSL 1500 FWL

BOTTOM: 0541 FNL 1419 FWL Sec 6 T13S

COUNTY: CARBON

LATITUDE: 39.72571 LONGITUDE: -110.7343

UTM SURF EASTINGS: 522772 NORTHINGS: 4397139

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<u>DLD</u>	<u>10/20/08</u>
Geology		
Surface		

LEASE TYPE: 4 - Fee

LEASE NUMBER: UT-OSO-001

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: BLKHK

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 8683783594)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: 09/24/2008)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

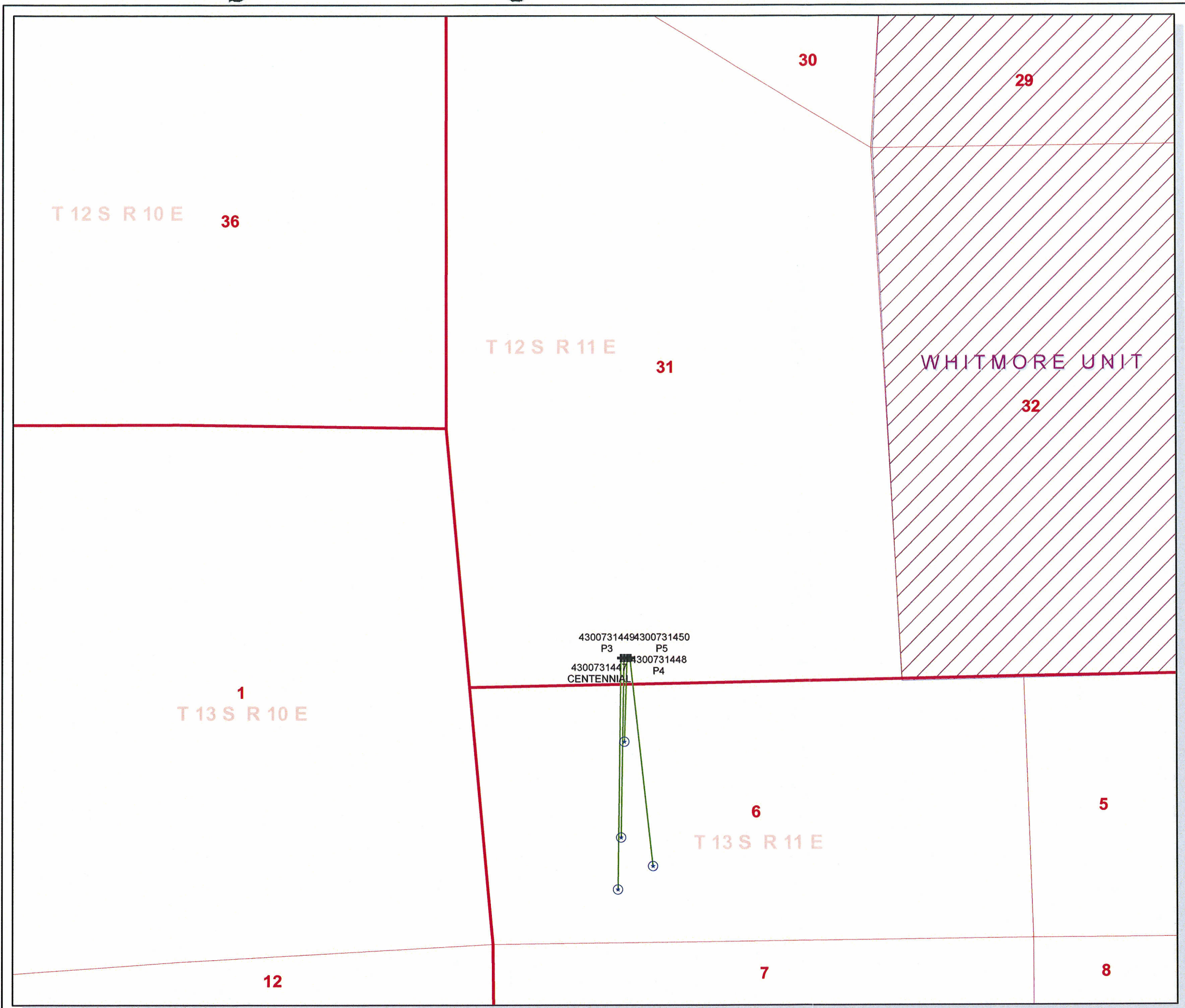
 R649-2-3.
Unit: _____
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☒ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (04-30-08)

STIPULATIONS:

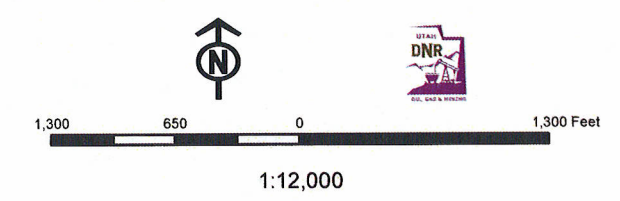
1- Spacing Slip
2- STATEMENT OF BASIS
3- Cement Slp # 7 (9 5/8")



API Number: 4300731448
Well Name: P4
Township 12.0 S Range 11.0 E Section 31
Meridian: SLBM
Operator: OSO OIL & GAS PROPERTIES LLC

Map Prepared:
Map Produced by Diana Mason

- | Units | Wells Query Events |
|---------------|----------------------|
| STATUS | <all other values> |
| ACTIVE | <Null> |
| EXPLORATORY | APD |
| GAS STORAGE | DRL |
| NF PP OIL | GI |
| NF SECONDARY | GS |
| PI OIL | LA |
| PP GAS | NEW |
| PP GEOTHERML | OPS |
| PP OIL | PA |
| SECONDARY | PGW |
| TERMINATED | POW |
| Fields | RET |
| STATUS | SGW |
| ACTIVE | SOW |
| COMBINED | TA |
| Sections | TW |
| Township | WD |
| | WI |
| | WS |
| | Bottom Hole Location |



Application for Permit to Drill

Statement of Basis

10/21/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM			
1012	43-007-31448-00-00		GW	P	No			
Operator	OSO OIL & GAS PROPERTIES LLC		Surface Owner-APD					
Well Name	P4	Unit						
Field	WILDCAT	Type of Work						
Location	NWNW 31 12S 11E S 282 FSL 1500 FWL GPS Coord (UTM) 522772E 4397139N							

Geologic Statement of Basis

A well drilled at this location will likely spud into a permeable soil developed on the Tertiary/Cretaceous-age Undivided Flagstaff Limestone/North Horn Formation. It is likely that considerable volumes of fresh water may be encountered in permeable Tertiary Flagstaff Limestone and Cretaceous-age North Horn and Mesa Verde Group strata. The nearest mapping of the base of moderately saline ground water in the area (~14 miles northeast) implies that it may be as much as 5,500' below the surface. No underground water rights have been filed within a mile of the location. Drainage is to the north into the Right Fork of Summit Creek, which drainage feeds to the Price River. The proposed casing and cementing program (if cemented to surface) and the air/mist/foam fresh water-based drilling fluid system will adequately protect the ground water resource. The surface casing likely primarily protect the Flagstaff Limestone and North Horn Formation. A prodigious column of permeable sands in the Cretaceous is exposed during drilling below the surface casing but the drilling fluid system is benign.

Chris Kierst
APD Evaluator

10/20/2008
Date / Time

Surface Statement of Basis

Staked location lies approximately 10 air miles northeast of Price, Carbon County, Utah. Located on the ridge line overlooking the Castle Valley and Price to the south with Emma Park sloping off to the north. Topography drops both to the south and north, however is more dramatic to the south looking into the Left Fork of Deadman Creek. Most of the location will drain to the north into the Right Fork of Summit Creek, Willow Creek, and eventually the Price River.

Access will be along existing roads. The reserve pit will be lined and fenced. Traffic will be re-routed around wellpad during drilling. Access will be provided through the well pad after drilling has been completed.

Onsite evaluation conducted September 30, 2008. In attendance: Mark Jones (UDOGM), Scott Berggren, Phil Basham, Rick Hudspeth (Oso), Bud Critchlow, Dave and Mildred Cave (surface owners). A signed surface use agreement is in place.

Mark Jones
Onsite Evaluator

9/30/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced to protect livestock and wildlife.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator OSO OIL & GAS PROPERTIES LLC
Well Name P4
API Number 43-007-31448-0 **APD No** 1012 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWNW **Sec** 31 **Tw** 12S **Rng** 11E 282 FSL 1500 FWL
GPS Coord (UTM) 522765 4397148 **Surface Owner**

Participants

M. Jones (UDOGM), Scott Berggren, Phil Basham, Rick Hudspeth (Oso), Bud Critchlow, Dave and Mildred Cave (surface owners).

Regional/Local Setting & Topography

Staked location lies approximately 10 air miles northeast of Price, Carbon County, Utah. Located on the ridge line overlooking the Castle Valley and Price to the south with Emma Park sloping off to the north. Topography drops both to the south and north, however is more dramatic to the south looking into the Left Fork of Deadman Creek. Most of the location will drain to the north into the Right Fork of Summit Creek, Willow Creek, and eventually the Price River.

Surface Use Plan

Current Surface Use

Grazing

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0	Width 200	Length 290	Onsite	

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

grasses, sagebrush, and other shrubs.

Soil Type and Characteristics

rocky clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N

Paleo Potential Observed? N

Cultural Survey Run? N

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet) >200

0

Distance to Surface Water (feet) >1000

0

Dist. Nearest Municipal Well (ft) >5280

0

Distance to Other Wells (feet) <300

20

Native Soil Type High permeability

20

Fluid Type Air/mist

0

Drill Cuttings Normal Rock

0

Annual Precipitation (inches) >20

10

Affected Populations <10

0

Presence Nearby Utility Conduits Not Present

0

Final Score

50

1 Sensitivity Level

Characteristics / Requirements

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 12

Pit Underlayment Required? N

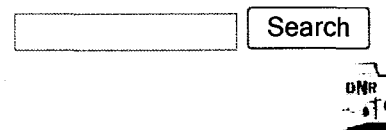
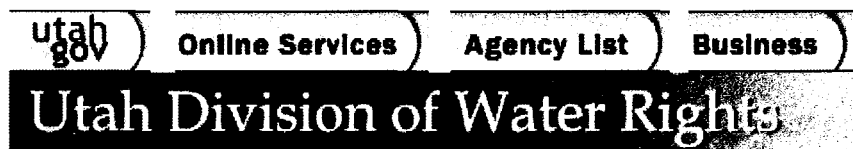
Other Observations / Comments

Mark Jones

9/30/2008

Evaluator

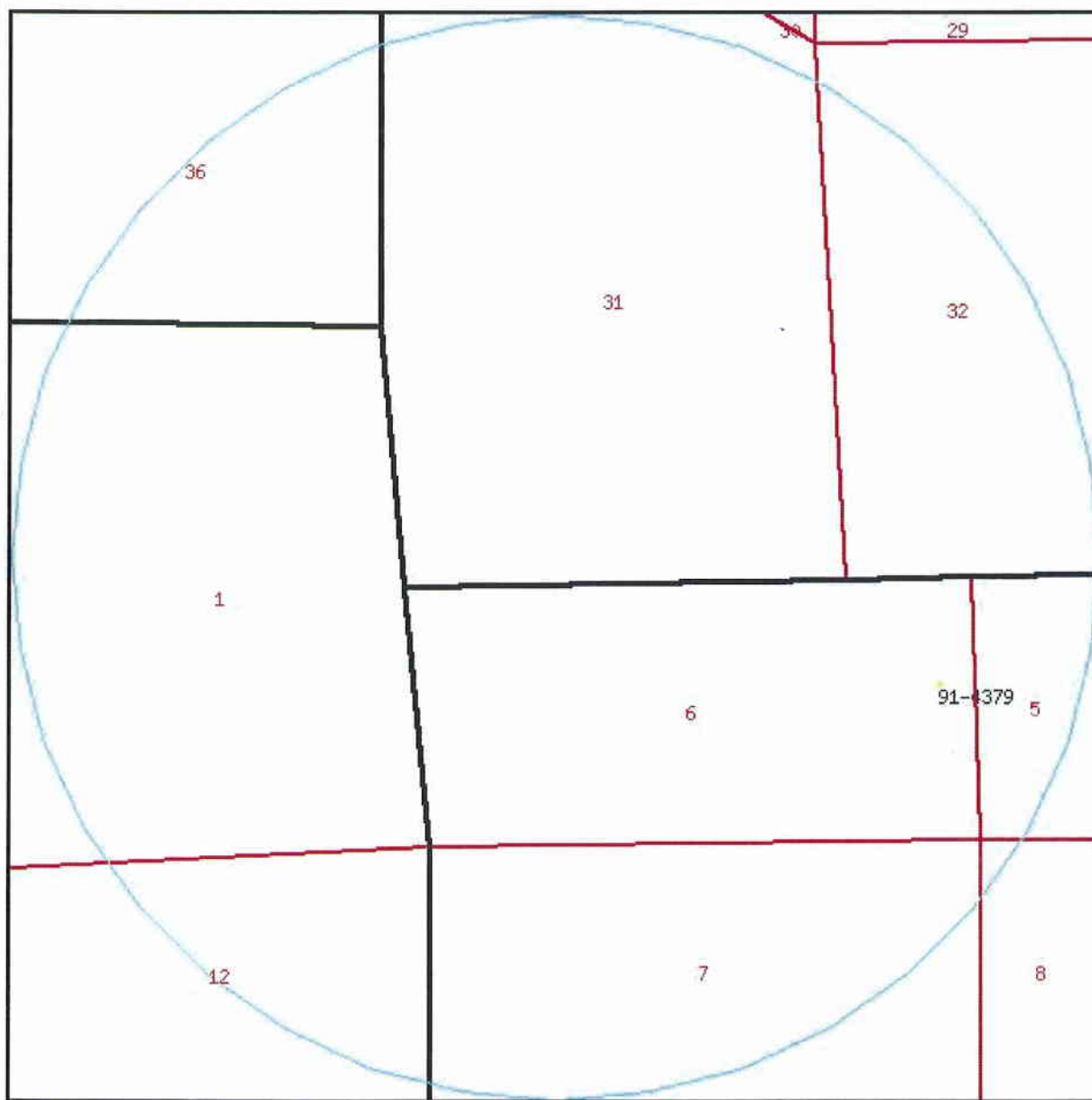
Date / Time



WRPLAT Program Output Listing

Version: 2007.04.13.01 Rundate: 10/20/2008 03:36 PM

Radius search of 5280 feet from a point N283 E1470 from the SW corner, section 31, Township 12S, Range 11E, SL b&m Criteria:wrtypes=W,C,E
podtypes=S,U,Sp status=U,A,P usetypes=all



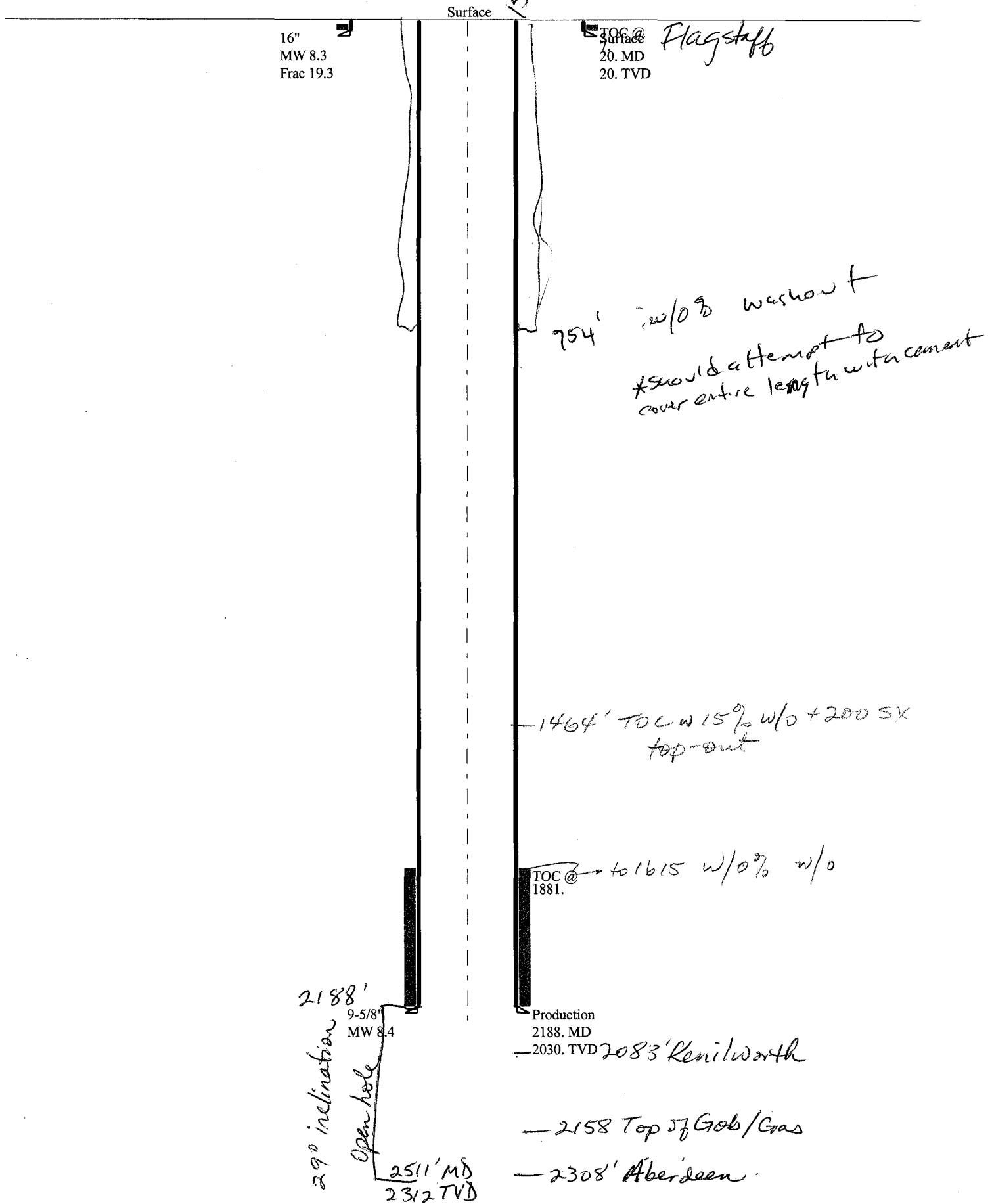
Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>91-4379</u>	Surface S1060 W300 NE 06 13S 11E SL		P	18690000	S	0.015	0.000	MILDRED CAVE SUNNYSIDE STAR ROUTE

Utah Division of Water Rights | 1594 West North Temple Suite 220, P.O. Box 146300, Salt Lake City, Utah 84114-6300 | 801-538-7240
[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

43007314480000 P4

Casing Schematic



Well name:

43007314480000 P4Operator: **Oso Oil & Gas Properties, LLC**String type: **Surface**

Project ID:

43-007-31448-0000Location: **Carbon County****Design parameters:****Collapse**

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 65 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 20 ft

Cement top: 7 ft

BurstMax anticipated surface
pressure:

18 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 20 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 18 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 2,023 ft

Next mud weight: 8.400 ppg

Next setting BHP: 883 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 20 ft

Injection pressure: 20 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	20	16	65.00	H-40	ST&C	20	20	15.125	25.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	9	630	72.794	20	1640	82.00	1	439	99.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: October 15, 2008
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

43007314480000 P4Operator: **Oso Oil & Gas Properties, LLC**String type: **Production**

Project ID:

43-007-31448-0000Location: **Carbon County****Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 93 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 1,873 ft

Burst

Max anticipated surface pressure:

640 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 883 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Directional well information:

Kick-off point 500 ft

Departure at shoe: 662 ft

Maximum dogleg: 4.5 °/100ft

Inclination at shoe: 29.03 °

Tension is based on air weight.

Neutral point: 1,892 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2180	9.625	36.00	J-55	LT&C	2023	2180	8.796	946.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	883	2020	2.289	883	3520	3.99	73	453	6.22 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & MineralsPhone: 801-538-5357
FAX: 801-359-3940Date: October 15, 2008
Salt Lake City, Utah**ENGINEERING STIPULATIONS:**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW

Oso Oil & Gas

P4

43-007-31448-0000

INPUT

Well Name

Oso Oil & Gas P4 43-007-31448-0000

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

String 1	String 2		
16	9 5/8		
20	2312		
0	20		
8.4	8.4		
0	500		
1640	3520		
462	3.8 ppg	- 905	

Calculations

String 1 16 "

Max BHP [psi]

.052*Setting Depth*MW = 9

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 6

NO

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 4

NO

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 4

← NO O.K.

Required Casing/BOPE Test Pressure

20 psi

*Max Pressure Allowed @ Previous Casing Shoe =

0 psi

*Assumes 1psi/ft frac gradient

Calculations

String 2 9 5/8 "

Max BHP [psi]

.052*Setting Depth*MW = 1010

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12*Setting Depth) = 732

NO

MASP (Gas/Mud) [psi]

Max BHP-(0.22*Setting Depth) = 501

NO

*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe Max BHP-.22*(Setting Depth - Previous Shoe Depth) = 506

← NO

No expected pressures, ~~CAUTION~~ Vacuum is seen

Required Casing/BOPE Test Pressure

500 psi

*Max Pressure Allowed @ Previous Casing Shoe =

20 psi

*Assumes 1psi/ft frac gradient

From: Robert Clark
To: Mason, Diana
Date: 9/15/2008 8:40 AM
Subject: RDCC short turn-around comments.

CC: Anderson, Tad; Mcneill, Dave; Wright, Carolyn
The following comments are in response to short turn-around items **RDCC #9739 and RDCC #9743 - 9747.**

RDCC #9739, Comments begin: The DJ Simmons, INC proposal to drill the State 1-2 wildcat well, in San Juan County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in San Juan County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

RDCC #9743, Comments begin: The Questar E & P proposal to drill the FR-6P-16-14-19 wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in Uintah County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

RDCC #9744, Comments begin: The Oso Oil & Gas Properties, LLC proposal to drill the Centennial wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in Carbon County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

RDCC #9745, Comments begin: The Oso Oil & Gas Properties, LLC proposal to drill the P3 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in Carbon County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area

greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

RDCC #9746, Comments begin: The Oso Oil & Gas Properties, LLC proposal to drill the P4 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in Carbon County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

RDCC #9747, Comments begin: The Oso Oil & Gas Properties, LLC proposal to drill the P5 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to R307-401: Permit: Notice of Intent and Approval Order, of the Utah Air Quality Rules. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The proposed project, in Carbon County, is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

Comments end.

Robert Clark
Division of Air Quality
801-536-4435



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

October 21, 2008

OSO Oil & Gas Properties, LLC
3900 S Wadsworth Blvd.
Lakewood, CO 80235

Re: P4 Well, 282' FSL, 1500' FWL, SW SW, Sec. 31, T. 12 South, R. 11 East, Bottom
Location 541' FNL, 1419' FWL, NW NW, Sec. 6, T. 13 South, R. 11 East,
Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31448.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Carbon County Assessor



Operator: OSO Oil & Gas Properties, LLC

Well Name & Number P4

API Number: 43-007-31448

Lease: UT-OSO-001

Location: SW SW Sec. 31 T. 12 South R. 11 East

Bottom Location: NW NW Sec. 6 T. 13 South R. 11 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
7. The cement volumes for 9 5/8 casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.
8. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. You will be required to comply with any applicable recommendations resulting from this review.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: OSO OIL & GAS PROPERTIES, LLC

Well Name: P4

Api No: 43-007-31448 Lease Type: FEE

Section 31 Township 12S Range 11E County CARBON

Drilling Contractor BOART LONGYEAR RIG # LK35A

SPUDDED:

Date 11/18/2008

Time 8:00 AM

How DRY

Drilling will Commence: _____

Reported by DAVID MAJORS

Telephone # (435) 820-5013

Date 11/18/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Oso Oil & Gas Properties, LLC
Address: 3900 S Wadsworth Blvd, Suite 340
city Lakewood
state CO zip 80235

Operator Account Number: N 3515

Phone Number: (720) 407-8488

Well 1

NESW

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731450	P5		SWSW	31	12S	11E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17233	11/4/2008			12/4/08	
Comments: BLKHK = MVRD BHL = NESW							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300731448	P4		SWSW	31	12S	11E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	17234	11/17/2008			12/4/08	
Comments: BLKHK = MVRD BHL = Sec 6 T13S NWNW							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

mike Griffis (ex)
Name (Please Print)

Signature

Title

Date

RECEIVED
DEC 04 2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UT-OSO-001
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR: Oso Oil & Gas Properties, LLC		7. UNIT or CA AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR: 3900 S Wadsworth Blvd, CITY Lakewood STATE CO ZIP 80235		8. WELL NAME and NUMBER: P4
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 282' FSL & 1500' FWL Sec 31 T12S R11E AT TOP PRODUCING INTERVAL REPORTED BELOW: 491' FNL & 1374' FWL Sec 6 T13S R11E AT TOTAL DEPTH: 520' FNL & 1376' FWL Sec 6 T13S R11E <i>NE NW</i>		9. API NUMBER: 4300731448
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 12S 11E S
		12. COUNTY Carbon
		13. STATE UTAH

14. DATE SPUDDED: 11/17/2008	15. DATE T.D. REACHED: 12/6/2008	16. DATE COMPLETED: 12/6/2008	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 8569'
18. TOTAL DEPTH: MD 2,520 TVD 2,293	19. PLUG BACK T.D.: MD 2,520 TVD 2,293	20. IF MULTIPLE COMPLETIONS, HOW MANY? * N/A		21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL	23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)
--	---

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
16	14 H-40	28	0	21		Type II 10	3	0	
12.25"	9.625 M-50	36	0	2,178		Type II 595	191	1600	
Top Job				1,400		Type II 150	48	0	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Aberdeen Coal	2,514	2,520	2,286	2,292				Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

RECEIVED

JAN 06 2009

DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

- ☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

Shut-In

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

This well is completed as an open hole, natural completion.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mike GriffisTITLE Project Manager

SIGNATURE

Michael Griffis
2009.01.06 10:42:03 -07'00'

DATE

1/6/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: UT-OSO-001
2. NAME OF OPERATOR: Oso Oil & Gas Properties, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 3900 S Wadsworth Blvd, Suite _____ CITY Lakewood STATE CO ZIP 80235		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 282' FSL & 1500' FWL		8. WELL NAME and NUMBER: P5 P4
5. PHONE NUMBER: (720) 407-8488		9. API NUMBER: 4300731448
6. COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Wildcat
7. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 12S 11E S		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/6/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well P4 spud on 11/17/2008. 20' of 14" conductor set and cemented with 13 cuft of cement to surface. 12-1/4" hole drilled to 2180' MD / 2008' TVD. Set 9-5/8" 36# M-50 LTC at 2115' MD / 1944' TVD. Cement to 1600' with 420 sx cement (encountered loss zone). Top out with 154 sx @ 1.2 cuft/sk. Drill 8-3/4" hole from 9-5/8" shoe to 2520' MD / 2293' TVD. Natural completion in 8-3/4" hole section. Rig released on December 6, 2008.

RECEIVED

JAN 06 2009

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mike Griffis	TITLE Project Manager
SIGNATURE  Michael Griffis 2008.12.23 16:12:21 -07'00'	DATE 12/23/2008

(This space for State use only)

Operator: Oso Oil and Gas Properties, LLC
P4 Gyro Surveys
API: 43-007-31448
SHL: 282' FSL & 1500' FWL S31 T12S R11E SLB&M
BHL: 520' FNL & 1376' FWL S6 T13S R11E SLB&M
Date Run: 12/06/2008
Gyro Company: Applied Survey Systems, Casper Wyoming

RECEIVED

JAN 07 2009

DIV. OF OIL, GAS & MINING

Survey Type	MD (ft)	Inc	Azm	TVD	VS	N/S	E/W
Gyro	0	0	0	0	0	0	0
Gyro	50	0.398	166.983	49.9996	0.168562	-0.169197	0.039115
Gyro	100	0.448	172.708	99.99824	0.530603	-0.532287	0.103041
Gyro	150	0.679	166.251	149.9958	1.010716	-1.013956	0.198264
Gyro	200	0.826	179.2	199.9915	1.657589	-1.662093	0.273709
Gyro	250	1.295	184.619	249.9828	2.581646	-2.585629	0.233241
Gyro	300	2.241	198.462	299.9587	4.077507	-4.076096	-0.121841
Gyro	350	3.707	207.036	349.8902	6.46074	-6.443218	-1.166191
Gyro	400	3.722	211.458	399.7852	9.309323	-9.267305	-2.74785
Gyro	450	4.422	207.338	449.6588	12.43282	-12.36397	-4.480021
Gyro	500	4.012	210.832	499.5234	15.67463	-15.57819	-6.261707
Gyro	550	4.386	214.272	549.3892	18.78712	-18.66008	-8.234813
Gyro	600	3.578	210.533	599.2682	21.73995	-21.58391	-10.1041
Gyro	650	4.82	217.362	649.1333	24.78566	-24.59751	-12.17159
Gyro	700	6.244	220.96	698.8993	28.55641	-28.32069	-15.22897
Gyro	750	7.881	224.353	748.5185	33.12628	-32.82548	-19.40807
Gyro	800	9.066	224.602	797.9718	38.46281	-38.08157	-24.57072
Gyro	850	10.66	225.967	847.2313	44.5773	-44.10113	-30.66196
Gyro	900	12.823	224.493	896.1823	51.86292	-51.27431	-37.87609
Gyro	950	14.038	223.591	944.814	60.33904	-59.62471	-45.94616
Gyro	1000	15.959	219.301	993.1099	70.18437	-69.33715	-54.48227
Gyro	1050	17.621	214.342	1040.979	81.88768	-80.90643	-63.10644
Gyro	1100	19.428	210.138	1088.389	95.46061	-94.34836	-71.55197
Gyro	1150	20.979	209.132	1135.311	110.6036	-109.3592	-80.08501
Gyro	1200	23.534	208.291	1181.582	127.3555	-125.9703	-89.17504
Gyro	1250	22.074	207.596	1227.673	144.6132	-143.0875	-98.2588
Gyro	1300	21.589	205.308	1274.088	161.3838	-159.73	-106.5434
Gyro	1350	22.684	203.118	1320.402	178.6865	-176.9136	-114.2614
Gyro	1400	25.91	200.568	1365.969	197.9041	-196.0138	-121.8869
Gyro	1450	28.022	198.307	1410.531	219.4011	-217.3952	-129.415
Gyro	1500	30.378	195.001	1454.177	242.875	-240.7626	-136.3781
Gyro	1550	31.324	190.928	1497.107	267.9383	-265.7389	-142.1151
Gyro	1600	33.594	187.512	1539.296	294.483	-292.2197	-146.3883
Gyro	1650	35.053	185.02	1580.59	322.5478	-320.2398	-149.4534
Gyro	1700	37.627	183.688	1620.863	352.1194	-349.7798	-151.692
Gyro	1750	37.302	180.54	1660.554	382.5173	-380.1638	-152.8166
Gyro	1800	37.017	176.448	1700.408	412.678	-410.3407	-152.0268
Gyro	1850	35.948	172.271	1740.615	442.1995	-439.9115	-149.12
Gyro	1900	35.508	168.184	1781.211	470.8782	-468.6715	-144.1721
Gyro	1950	35.544	164.249	1821.909	498.97	-496.8754	-137.2528
Gyro	2000	36.232	161.116	1862.42	526.8008	-524.8467	-128.5243
Gyro	2050	37.671	159.094	1902.378	554.8925	-553.1027	-118.2892
Gyro	2100	37.891	158.276	1941.896	583.2502	-581.6388	-107.1542
Gyro	2150	37.664	159.88	1981.417	611.6827	-610.2467	-96.21619
Interpolation (Casing Point)	2178	36.9164	160.7234	2003.69	626.94	-626.22	-90.50

				TVD		N/S	E/W
Gyro	2200	36.329	161.386	2021.35	639.9036	-638.6279	-86.23348
Gyro	2250	35.684	162.481	2061.798	667.6998	-666.5707	-77.11614
Gyro	2300	33.345	163.077	2102.995	694.6218	-693.6279	-68.72509
Gyro	2350	32.279	163.691	2145.017	720.4585	-719.5895	-60.97553
Gyro	2400	30.509	168.719	2187.703	745.6243	-744.8563	-54.74195
Gyro (Tie-in for OH Projector	2431.6	30.738	174.579	2214.902	761.4951	-760.7657	-52.40937
Single Shot	2460	30.1	165.9	2239.40	775.29	-774.91	-49.99
Single Shot	2505	29.1	167.1	2278.54	797.21	-796.85	-46.65
Single Shot	2520	29	167.1	2291.65	804.29	-803.95	-45.02

DLS

0

0.796001

0.130824

0.478416

0.447807

0.958169

2.062475

3.055936

0.573601

1.516476

0.96734

0.901499

1.696544

2.673457

2.929887

3.377236

2.371131

3.221895

4.367052

2.465789

4.435027

4.385517

4.49195

3.178764

5.149435

2.969235

1.958588

2.741936

6.783292

4.694734

5.708812

4.584823

5.834271

4.050742

5.384343

3.884108

4.975491

5.406609

4.85282

4.573012

3.922001

3.767006

1.094607

2.016924

3.23

3.22693

1.822493

4.726457

2.233411

6.319777

9.471022

15.62

5.55

0.67

Carol Daniels - RE: First production & 24-hr tests

From: Carol Daniels
To: Mike Griffis
Subject: RE: First production & 24-hr tests

Yes. But just show that information on the amended form.

Carol Daniels

>>> "Mike Griffis" <mgriffis@btoperating.com> 1/7/2009 10:43 AM >>>

None yet. We're waiting to get some more equipment hooked up.

Will I need to amend that form when I do get first production?

Mike Griffis
Project Manager
Oso Oil and Gas

Blue Tip Operating Company
Houston Denver Pittsburgh

3900 South Wadsworth Boulevard
Suite 340
Lakewood, CO 80235
Office: (720) 407-8488
Cell: (303) 819-7354
Fax: (303) 932-8409

From: Carol Daniels [mailto:caroldaniels@utah.gov]
Sent: Wednesday, January 07, 2009 10:41 AM
To: Mike Griffis
Subject: First production & 24-hr tests

Hi again Mike,

Did you have any 1st production or any 24-hr tests done on the P4 & P5. Under item #31. INITIAL PRODUCTION on the WCR, no dates or numbers are noted. Just double-checking.

Thanks,
Carol

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☒ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>		
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR: Oso Oil & Gas Properties, LLC						7. UNIT or CA AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR: 3900 S Wadsworth Blvd, CITY Lakewood STATE CO ZIP 80235				PHONE NUMBER: (720) 407-8488		8. WELL NAME and NUMBER: P4	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 282' FSL & 1500' FWL Sec 31 T12S R11E AT TOP PRODUCING INTERVAL REPORTED BELOW: 491' FNL & 1374' FWL Sec 6 T13S R11E AT TOTAL DEPTH: 520' FNL & 1376' FWL Sec 6 T13S R11E						9. API NUMBER: 4300731448	
10. FIELD AND POOL, OR WILDCAT Wildcat						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 31 12S 11E S	
12. COUNTY Carbon						13. STATE UTAH	
14. DATE SPUDDED:		15. DATE T.D. REACHED:		16. DATE COMPLETED:		17. ELEVATIONS (DF, RKB, RT, GL):	
				ABANDONED <input type="checkbox"/> READY TO PRODUCE <input type="checkbox"/>			
18. TOTAL DEPTH: MD TVD		19. PLUG BACK T.D.: MD TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)						23. WAS WELL CORED? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: **RECEIVED**

30. WELL STATUS:

Producing

DEC 10 2009

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: 9/24/2009		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE: N/A	TBG. PRESS.	CSG. PRESS. 1	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF: 941	WATER – BBL:	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Aberdeen Coal	2,514	2,520			

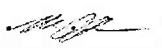
35. ADDITIONAL REMARKS (Include plugging procedure)

This well was brought on to production on September 24, 2009.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mike GriffisTITLE Project Engineer

SIGNATURE



Digitally signed by Michael Griffis
DN: cn=Michael Griffis, o=Blue Tip Operating,
ou=Blue Tip & Gas,
email=mgriffis@blue-tipoperating.com, c=US
Date: 2009.12.02 16:26:24 -0700

DATE 12/2/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 26, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1755

Mr. Richard Diclaudio
OSO Oil & Gas Properties LLC
15010 Park Ten Pl STE 160
Houston, TX 77084

43 007 31448
P4
12S 11E 31

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Diclaudio:

As of January 2012, OSO Oil & Gas Properties LLC has one (1) Fee Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



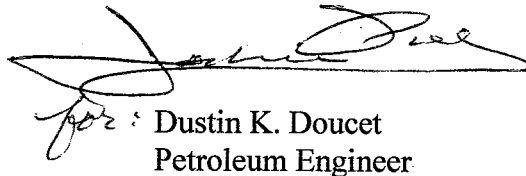
Page 2
OSO Oil & Gas Properties LLC
January 26, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



for: Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	P4	43-007-31448	UT-OSO-001	1 Year 1 Month



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

February 10, 2015

CERTIFIED MAIL NO. 7011 2970 0001 8828 0972

43 007 31448

P4

31 12S 11E

Mr. Mike Cerelli
OSO Oil & Gas Properties, LLC
2366 S. 190 E.
Price, UT 84501

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Cerelli:

As of January 2015, OSO Oil & Gas Properties LLC has one (1) Fee Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

Page 2
OSO Oil & Gas Properties LLC
February 10, 2015

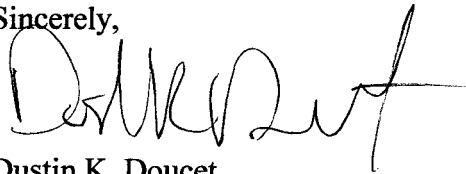
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	P4	43-007-31448	FEE	1 year 6 months

Effective Date: 7/1/2016

FORMER OPERATOR:	NEW OPERATOR:
OSO Oil & Gas Properties, LLC 15810 Park Ten Place, Suite 160 Houston TX 77084	Liberty Pioneer Energy Sources, Inc. 1411 East 840 North Orem UT 84097
CA Number(s):	Unit(s): N/A

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
P4	31	12S	11E	4300731448	17234	Fee	Fee	GW	S
P5	31	12S	11E	4300731450	17233	Fee	Fee	GW	S

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 7/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 7/21/2016
3. New operator Division of Corporations Business Number: 6353640-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 7/26/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 7/26/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: N/A
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): RLB0012097

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 7/27/2016
2. Entity Number(s) updated in **OGIS** on: 7/27/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 7/27/2016
6. Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED LIST
2. NAME OF OPERATOR: Liberty Pioneer Energy Source, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1411 E 840 N CITY Orem STATE UT ZIP 84097		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (801)224-4771		8. WELL NAME and NUMBER: SEE ATTACHED LIST
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED LIST		9. API NUMBER: SEE ATTACHED LIST
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

PREVIOUS OPERATOR:
OSO Oil & Gas Properties, LLC N3515
15810 Park Ten Place, Suite 160
Houston, TX 77084
Phone (218) 944-3800

Operator Number N3680

By: Bruce L. Taylor
Its: MANAGER

NEW OPERATOR:
Liberty Pioneer Energy Source, Inc. N2855
1411 East 840 North
Orem, UT 84097
Phone (801) 224-4771

Operator Number N2855

RECEIVED

JUL 21 2016

DIV. OF OIL, GAS & MINING

Be advised that Liberty Pioneer Energy Source, Inc. is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. RLB0012097.

NAME (PLEASE PRINT) <u>Kimball Hodges</u>	TITLE <u>Vice President of Liberty Pioneer Energy Source, Inc.</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/18/16</u>

(This space for State use only)

APPROVED

JUL 27 2016

DIV. OIL GAS & MINING
BY: Rachel Medina

ATTACHED LIST
to Sundry Notice of Operator Change

Well	Status	County	State	Lat	Long	Location	API
P-4	P	Carbon County	UT	39° 43' 33"	-110° 44' 6"	T12S-11E-31 SWSW	43-007-31448
P-5	P	Carbon County	UT	39° 43' 33"	-110° 44' 6"	T12S-11E-31 NESW	43-007-31450